

IN THE CLAIMS:

Please amend Claims 1, 3, 4, 6, 7-11, 13-15, 17, 18, 20-25, 27-29, 31, 32, 34-39, 41-43, 45, 46, 48-53, 55 and 56, as follows.

1. (Currently Amended) An information processing apparatus processor which can communicate with a printer, comprising:

a generation unit, adapted means for generating a print job to be processed by the printer, based on application data;

an instruction unit, adapted means for instructing any of the print jobs generated by said generation unit means to be interrupt printed by the printer;

a detection unit, adapted means for receiving job information from the printer indicating that interrupt printing of the print job instructed by said instruction unit means has failed, the job information including and information that can specify indicating an owner of the print job, and determining whether the owner of the print job is identical to a user of said information processing apparatus based on the job information processor; and

a notification unit, adapted means for causing a display unit to display that the instructed print job has not been interrupt printed, if said detection unit means determines that the owner of the print job is identical to the user of said information processing apparatus processor.

Claim 2 (Cancelled).

3. (Currently Amended) An apparatus ~~The processor~~ according to claim 1, wherein said notification unit means causes the display unit to display an icon indicating that the instructed print job has not been interrupt printed.

4. (Currently Amended) An apparatus ~~The processor~~ according to claim 1, wherein said detection unit means receives from the printer some information indicating that the print job instructed by said instruction unit means to be interrupt printed has not been interrupt printed.

Claim 5 (Cancelled).

6. (Currently Amended) An apparatus ~~The processor~~ according to claim 1, wherein said notification unit means notifies the user that the print job has not been interrupt printed but has been normally printed.

7. (Currently Amended) A print controller which can process print jobs from a plurality of information processing apparatuses ~~processors~~, comprising:

an interrupt unit, adapted means for suspending print operation for a print job and executing interrupt printing of another print job according to an instruction for interrupt printing;

a determination unit, adapted means for determining whether a print job for the interrupt printing is currently present ~~being executed by said interrupt means~~;

a decision unit, adapted means for, in response to reception of an interrupt-instructed print job from one of the plurality of information processing apparatuses processors, deciding whether the received print job is to be interrupt printed, based on a determination provided by said determination unit means; and

a transfer unit, adapted means for transferring, to the one information processing apparatus, job processor, information indicating that the interrupt printing of the received print job has failed, the job information including and information that can specify indicating an owner of the print job, if said decision unit means decides that the print job is not to be interrupt printed,

wherein the one information processing apparatus processor causes a display unit to display that the print job has not been interrupt printed, if it is decided based on the job information transferred by said transfer unit that the owner of the print job is identical to a user of the information processing apparatus processor.

8. (Currently Amended) A print controller ~~The controller~~ according to claim 7, further comprising a prohibition unit adapted means for prohibiting multiple interrupts, wherein said decision unit means decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition unit means.

9. (Currently Amended) A print controller ~~The controller~~ according to claim 7, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous interrupt print is being executed by said interrupt unit means.

10. (Currently Amended) A print controller ~~The controller~~ according to claim 7, wherein said print controller is a print controller for a ~~the~~ printer.

11. (Currently Amended) A print controller ~~The controller~~ according to claim 7, wherein said print controller is a print controller for a device having a copy function.

Claim 12 (Cancelled).

13. (Currently Amended) A print controller ~~The controller~~ according to claim 7, wherein a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

14. (Currently Amended) A print controller ~~The controller~~ according to claim 13, further comprising transfer unit adapted means for transferring to an information processing apparatus processor some information indicating that a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

15. (Currently Amended) A method for information processing in an information processing apparatus processor which can communicate with a printer, comprising:
a generation step of ~~for~~ generating a print job to be processed by the printer, based on application data;

an instruction step of for instructing any of the print jobs generated in said generation step to be interrupt printed by the printer;

a detection step of for receiving job information from the printer indicating that interrupt printing of the print job instructed in said instruction step has failed, the job information including and information that can specify indicating an owner of the print job, and determining whether the owner of the print job is identical to a user of the information processing apparatus based on the job information processor; and

a notification step of for causing a display unit to display that the instructed print job has not been interrupt printed, if said detection step determines that the owner of the print job is identical to the user of the information processing apparatus processor.

Claim 16 (Cancelled).

17. (Currently Amended) A method ~~The method~~ according to claim 15, wherein said notification step causes the display unit to display an icon indicating that the instructed print job has not been interrupt printed.

18. (Currently Amended) A method ~~The method~~ according to claim 15, wherein in said detection step, some information is received from the printer indicating that the print job instructed in said instruction step to be interrupt printed has not been interrupt printed.

Claim 19 (Cancelled).

20. (Currently Amended) A method ~~The method~~ according to claim 15, wherein said notification step notifies the user that the print job has not been interrupt printed but has been normally printed.

21. (Currently Amended) A print control method for processing print jobs from a plurality of information processing apparatuses ~~processors~~, comprising:

an interrupt step of ~~for~~ suspending print operation for a print job and executing interrupt printing of another print job according to an instruction for interrupt printing;

a determination step of ~~for~~ determining whether a print job ~~for~~ the interrupt printing is currently present ~~being executed by said interrupt step~~;

a decision step of ~~for~~, in response to reception of an interrupt-instructed print job ~~job~~, from one of the plurality of information processing apparatuses ~~processors~~, deciding whether the received print job is to be interrupt printed, based on a determination provided by said determination step; and

a transfer step of ~~for~~ transferring, to the one information processing apparatuses, job processor, information indicating that the interrupt printing of the received print job has failed, the job information including ~~and~~ information that can specify ~~indicating~~ an owner of the print job, if said decision step decides that the print job is not to be interrupt printed,

wherein the one information processing apparatus ~~processor~~ causes a display unit to display that the print job has not been interrupt printed, if it is decided based on the job information transferred in said transfer step that the owner of the print job is identical to a user of the information processing apparatus ~~processor~~.

22. (Currently Amended) A print control ~~The~~ method according to claim 21, further comprising a prohibition step of ~~for~~ prohibiting multiple interrupts, wherein said decision step decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition step.

23. (Currently Amended) A print control ~~The~~ method according to claim 21, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous interrupt print is being executed by said interrupt step.

24. (Currently Amended) A print control ~~The~~ method according to claim 21, wherein said print control method is executed by a printer ~~the printer~~.

25. (Currently Amended) A print control ~~The~~ method according to claim 21, wherein said print control method is executed by a device having a ~~the~~ copy function.

Claim 26 (Cancelled).

27. (Currently Amended) A print control ~~The~~ method according to claim 21, wherein a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

28. (Currently Amended) A print control ~~The~~ method according to claim 27, further comprising a transfer step of for transferring to an information processing apparatuses ~~processor~~ some information indicating that a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

29. (Currently Amended) A program executed by an information processing apparatus ~~processor~~ which can communicate with a printer, wherein said program causes the information processor to execute:

a generation step of for generating a print job to be processed by the printer, based on application data;

an instruction step of for instructing any of the print jobs generated in said generation step to be interrupt printed by the printer;

a detection step of for receiving job information from the printer indicating that interrupt printing of the print job instructed in said instruction step has failed, the job information including and information that can specify indicating an owner of the print job, and determining whether the owner of the print job is identical to a user of the information processing apparatus based on the job information ~~processor~~; and

a notification step of for causing a display unit to display that the instructed print job has not been interrupt printed, if said detection step determines that the owner of the print job is identical to the user of the information processing apparatus ~~processor~~.

Claim 30 (Cancelled).

31. (Currently Amended) A program ~~The program~~ according to claim 29, wherein said notification step causes the display unit to display an icon indicating that the instructed print job has not been interrupt printed.

32. (Currently Amended) A program ~~The program~~ according to claim 29, wherein in said detection step, some information is received from the printer indicating that the print job instructed in said instruction step to be interrupt printed has not been interrupt printed.

Claim 33 (Cancelled).

34. (Currently Amended) A program ~~The program~~ according to claim 29, wherein said notification step notifies the user that the print job has not been interrupt printed but has been normally printed.

35. (Currently Amended) A program executed by a print controller which processes print jobs from a plurality of information processing apparatuses ~~processors~~, wherein said program causes the print controller to execute:

an interrupt step of ~~for~~ suspending print operation for a print job and executing interrupt printing of another print job according to an instruction for interrupt printing;

a determination step of ~~for~~ determining whether a print job for the interrupt printing is currently present ~~being executed by said interrupt step~~;

a decision step of for, in response to reception of an interrupt-instructed print job from one of the plurality of information processing apparatuses processors, deciding whether the received print job is to be interrupt printed, based on a determination provided by said determination step; and

a transfer step of for transferring, to the one information processing apparatuses, job processor; information indicating that the interrupt printing of the received print job has failed, the job information including and information that can specify indicating an owner of the print job, if said decision step decides that the print job is not to be interrupt printed,

wherein the one information processing apparatus processor causes a display unit to display that the print job has not been interrupt printed, if it is decided based on the job information transferred in said transfer step that the owner of the print job is identical to a user of the information processing apparatus processor.

36. (Currently Amended) A program ~~The program~~ according to claim 35, wherein said program causes the print controller to execute a prohibition step of for prohibiting multiple interrupts, and

wherein said decision step decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition step.

37. (Currently Amended) A program ~~The program~~ according to claim 35, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous interrupt print is being executed by said interrupt step.

38. (Currently Amended) A program ~~The program~~ according to claim 35, wherein said program is executed by a printer ~~the printer~~.

39. (Current Amended) A program ~~The program~~ according to claim 35, wherein said program is executed by a device having a copy function.

Claim 40 (Cancelled).

41. (Currently Amended) A program ~~The program~~ according to claim 35, wherein a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

42. (Currently Amended) A program ~~The program~~ according to claim 41, further comprising a transfer step of ~~for~~ transferring to an information processor some information indicating that a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

43. (Currently Amended) A computer-readable memory medium which stores a computer program executed by an information processing apparatus ~~processor~~ which can communicate with a printer, wherein the program causes the information processing apparatus ~~processor~~ to execute:

a generation step of for generating a print job to be processed by the printer, based on application data;

an instruction step of for instructing any of the print jobs generated in said generation step to be interrupt printed by the printer;

a detection step of for receiving job information from the printer indicating that interrupt printing of the print job instructed in said instruction step has failed, the job information including and information that can specify ~~indicating~~ an owner of the print job, and determining whether the owner of the print job is identical to a user of the information processing apparatus based on the job information processor; and

a notification step of for causing a display unit to display that the instructed print job has not been interrupt printed, if said detection step determines that the owner of the print job is identical to the user of the information processing apparatus processor.

Claim 44 (Cancelled).

45. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 43, wherein said notification step causes the display unit to display an icon indicating that the instructed print job has not been interrupt printed.

46. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 43, wherein in said detection step, some information is received from the printer

indicating that the print job instructed in said instruction step to be interrupt printed has not been interrupt printed.

Claim 47 (Cancelled).

48. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 43, wherein said notification step notifies the user that the print job has not been interrupt printed but has been normally printed.

49. (Currently Amended) A computer-readable memory medium which stores a computer program executed by a print controller which processes print jobs from a plurality of information processing apparatuses ~~processors~~, wherein the program causes the print controller to execute:

an interrupt step of ~~for~~ suspending print operation for a print job and executing interrupt printing of another print job according to an instruction for interrupt printing;

a determination step of ~~for~~ determining whether a print job for the interrupt printing is currently present ~~being executed by said interrupt step~~;

a decision step of ~~for~~, in response to reception of an interrupt-instructed print job from one of the plurality of information processing apparatuses ~~processors~~, deciding whether the received print job is to be interrupt printed, based on a determination provided by said determination step; and

a transfer step of for transferring, to the one information processing apparatuses, job processor, information indicating that the interrupt printing of the received print job has failed, the job information including and information that can specify indicating an owner of the print job, if said decision step decides that the print job is not to be interrupt printed,

wherein the one information processing apparatus processor causes a display unit to display that the print job has not been interrupt printed, if it is decided based on the job information transferred in said transfer step that the owner of the print job is identical to a user of the information processing apparatus processor.

50. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 49, wherein the program causes the print controller to execute a prohibition step of for prohibiting multiple interrupts, and

wherein said decision step decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition step.

51. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 49, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous interrupt print is being executed by said interrupt step.

52. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 49, wherein the program is executed by a ~~the~~ printer.

53. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 49, wherein the program is executed by a device having a copy function.

Claim 54 (Cancelled).

55. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 49, wherein a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.

56. (Currently Amended) A computer-readable ~~The~~ memory medium according to claim 55, further comprising a transfer step of ~~for~~ transferring to an information processor some information indicating that a received print job is processed in normal order if it is decided that the received print job is not interrupt printed.